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PERIODICALS

The REVIEW is indebted to Robert F. Foerster for abstracts of articles in Italian periodicals, and to R. S. Saby for abstracts of articles in Danish and Swedish periodicals.

Theory

(Abstracts by Walton H. Hamilton)

- AVÉ-LALLEMANT, T. M. *What is sociology?* Freeman, Sept. 7, 1921. Pp. 2. A review of Rist's *Principles of Sociology*.
- BARNES, H. E. *American psychology*. Soc. Rev., July, 1921. Pp. 16. A review of recent developments in psychology and their meaning for the social sciences.
- BRANFORD, V. *Every man his own sociologist*. Soc. Rev., July, 1921. Pp. 16. "Not a few beginnings of actual surveys, rustic and civic, have been brought together. These need continuing, multiplying, compounding, generalizing. The more the students of social science can be got to work along these concrete lines, the nearer we move to a living sociology. That is the way of science."
- BURNS, A. R. *Rising and falling prices—and a remedy*. Discovery, June, July, 1921. Pp. 4, 3. "The attempt to stabilize the purchasing power of money is an attempt to substitute exactness and certainty for random variation and uncertainty." A review of Professor Fisher's scheme for stabilizing the dollar in terms of the function of the unit of pecuniary measurement in economic organization.
- EATON, R. M. *Social fatalism*. Phil. Rev., July, 1921. Pp. 13. "Fatalistic social theories, by explaining away the creative and destructive actions of men in society, falsify the issue. Sociology ought to show how concerted human action is possible, rather than assume its impossibility. Social fatalism is our excuse for giving up one of the central problems of life—the problem of social control."
- FIELD, G. C. *Faculty psychology and instinct psychology*. Mind, July, 1921. Pp. 14. A protest against an uncritical explanation of human behavior in terms of instincts. "We should begin . . . by an explanation, not of the instincts, but of instinctive behavior. And by behavior I mean not merely the physical movements of the body, but any kind of activity, physical or mental."
- FRIDAY, D. *The probable trend of interest rates*. The Annals, Sept., 1921. Pp. 8. "The fundamental factors which operate upon the demand for capital and those which determine its supply after a period of business depression are such as will inevitably reduce the rate of interest."
- GISBORNE, F. A. W. *The recoil of the living wage in Australia*. Nat. Rev., Aug., 1921. Pp. 14. "The 'failure of the living wage' may be assigned to two causes." "Morally the system was unjust . . . employers were compelled to obey awards . . . but employees could ignore them . . . economically the system was vicious, for its keystone . . . completely ignored the influence of the costs of production on the sale of commodities and the obvious fact that increased wages must mean increased prices."
- HERBERT, A. S. *The socialization of industry*. Nineteenth Cent., Sept., 1921. Pp. 9. An argument that wages should be charged as a cost, not against a particular firm, but against the industry as a whole, illustrated by the proposal for a wage pool in the British coal industry.
- HOBHOUSE, L. T. *Democracy and civilization*. Soc. Rev., July, 1921. Pp. 11. "The

certainly of eventual catastrophe on the lines on which we are at present moving" "appears to germinate with the 'educated' classes, who, apparently in their dread of socialism, have in large measure turned their backs on political freedom and sought the idealization which is necessary to men in military glory or imperial achievement, finding justification for clan ascendancy in biology, and for national domination in racial psychology."

HORWILL, H. W. *The parentage of invention*. Discovery, Aug., 1921. Pp. 3. A study, in terms of instances, of advances in "the state of the industrial arts."

MACARA, C. W. *The industrial crisis and the remedy*. Nineteenth Cent., July, Sept., 1921. Pp. 9, 12. A review of the industrial situation as a preliminary to the conclusion that "our old time happiness and prosperity" can be brought back only by "our great captains of industry" under a system of freedom from state interference.

MARRIOTT, J. A. R. *The industrial outlook*. Contemp. Rev., Aug., 1921. Pp. 10. "The dividend available for distribution . . . is limited absolutely by the product of industry. . . . The interests of all economic classes are absolutely interdependent, if not identical." The essential problem is "coöperation" for larger production.

MOORE, H. L. *Generating cycles reflected in a century of prices*. Quart. Journ. Econ., Aug., 1921. Pp. 24. A study, in theory and in fact, of the relationships of crop cycles, cycles in the prices of food, and cycles in the prices of manufactured goods.

PARK, R. E. *Sociology and the social sciences*. Am. Journ. Soc., July, Sept., 1921. Pp. 21, 15. "Sociology is a point of view and method for investigating the processes by which individuals are introduced into and induced to coöperate in some sort of corporate existence which we call society. Sociology is the science of collective behavior."

POUND, A. *The iron man*. Atlantic Mo., Oct., 1921. Pp. 8. A cursory account of "the social significance of the automatic machine."

RATHBONE, E. *Wages according to family needs*. Hibbard Journ., July, 1921. Pp. 12. An argument, based upon the facts gathered by Mr. Rowntree and Professor Bowley, that an adequate standard of living can be guaranteed only by "a redistribution of that portion of national wealth which is allocated to the payment of wages, giving less of it to bachelors and childless persons and more of it to families with children."

ROCCA, G. *Un economista agrario: Ghino Valenti*. Rif. Soc., May-June, 1921. Pp. 19. A summary of Valenti's life and work, with a complete bibliography of his writings.

SHADWELL, A. *The war of the mines*. Quart. Rev., July, 1921. Pp. 18. A critical study of competition versus unification in the organization of an industry. Attention is given to the economic theory of the proposed wages pool in the coal industry.

STEINER, R. *Spiritual life—civil rights—industrial economy*. Hibbard Journ., July, 1921. Pp. 12. Another repetition of the thesis that "the social problem" is a "spiritual," not an "economic" one.

TUFTS, J. H. *Legal and social philosophy of Mr. Justice Holmes*. Am. Bar Assoc. Journ., July, 1921. Pp. 5. A review of Mr. Justice Holmes' *Collected Legal*

Papers, with attention, among other things, to his views upon the division of consumptive goods, the nature of property rights, and the control of the instruments of production.

YOUNG, A. A. *The measurement of changes in the general price level*. Quart. Journ. Econ., Aug., 1921. Pp. 17. A critical study of the problem and a constructive attempt to formulate a method.

The decay of competition. New Statesman, Aug. 13, 1921. Pp. 2. A review of the Joint Committee (British Labor party) on the cost of living in terms of the question of the efficiency of competition as an agency of economic organization.

Wanted: a monetary policy. New Statesman, Oct. 1, 1921. Pp. 3. A statement of "the utter bewilderment of mankind and their helplessness to counteract the blind forces of the economic system." The great needs are for factual knowledge about the price system and for a determined attempt to control it.

Economic History (United States)

(Abstracts by Amelia C. Ford)

BIDWELL, P. W. *The agricultural revolution in New England*. Am. Hist. Rev., July, 1921. Pp. 20. Discusses the changes in New England, during the half-century before the Civil War, in regard to agricultural technic and social life, due to "two great new forces, the home market and western competition."

BLEGEN, T. C. *Cleng Peerson and Norwegian immigration*. Miss. Valley Hist. Rev., Mar., 1921. Pp. 29. Details the activities of Peerson in initiating the first group emigration from Norway to the United States.

BRIGGS, J. E. *Kasson and the first international postal conference*. Iowa Journ. Hist. and Pol., July, 1921. Pp. 23. Discusses reforms in our foreign mail service between 1861 and 1868, particularly those secured by the international conference of 1863.

HARGER, C. M. *Financing the farms' market*. Rev. Rev., Oct., 1921. Pp. 4. Discusses the expansion of the war finance corporation for the purpose of financing agricultural operations and developing export trade.

LIBBY, O. G. *The new northwest*. Miss. Valley Hist. Rev., Mar., 1921. Pp. 16. Describes the past fur trade and present economic resources of that region stretching from the Arctic ocean to the mouth of the Missouri river, and from Hudson Bay and Lake Superior westward to the Rockies.

MEREDITH, E. T. *Business and agriculture*. No. Am. Rev., Oct., 1921. Pp. 9. Explains the trouble with business as due to a lack of orders from the farmers, to the amount of four billion dollars.

MORISON, S. E. *Boston traders in Hawaiian Islands, 1789-1823*. Wash. Hist. Quart., July, 1921. Pp. 36. Shows how "sandalwood, geography, and fresh provisions made the Islands a vital link in a closely articulated trade route between Boston, the northwest coast, and Canton."

SCHMIDT, L. B. *The internal grain trade of the United States, 1860-1890*. (II.) Iowa Journ. Hist. and Pol., July, 1921. Pp. 42. Deals with the principal transportation routes connecting the Middle West with the Atlantic and Gulf seaboard, and the development of Chicago, St. Louis, and Minneapolis into the leading primary grain markets; gives a map and tables.

- SHAW, A. *California's farm colonies*. Rev. Rev., Oct., 1921. Pp. 8. Describes California's experiments at Durham and Delhi in the reconstruction of rural life.
- SISSON, F. H. *The future of our foreign trade*. Yale Rev., Oct., 1921. Pp. 9. Points out factors which will enable the United States to hold a strong position in international commerce; emphasizes our duty to help in restoration of Europe.
- SUFFERN, A. E. *What shall we do about coal?* Atlantic Mo., Sept., 1921. Pp. 4. Points out certain conditions of waste and inefficiency in the coal industry, and the need of a policy of regulation.
- TAYLOR, S. H. *Oregon bound, 1853*. Oregon Hist. Soc. Quart., June, 1921. Pp. 44. Correspondence of S. H. Taylor, telling of conditions of travel overland in 1853, and of prices of food and labor in Oregon at that time.
- YARROS, V. S. *Contemporary American radicalism*. Intern. Journ. Ethics, July, 1921. Pp. 9. Considers American radicalism is indigenous, scientific, and practical, and discusses its theories for the solution of our industrial and political problems.
- Petition to increase power of Congress over commerce, 1785*. William and Mary College Quart. Hist. Mag., Jan., 1921. Pp. 2. Sent by traders in Alexandria to the Virginia assembly; sets forth some of the disadvantages attending foreign trade, and hopes the Confederation may be amended so as to give Congress control over such commerce.
- Taxation of importers, 1780*. William and Mary College Quart. Hist. Mag., Jan., 1921. Pp. 3. A protest to the Virginia assembly from Alexandria, declaring that the new law burdens importers unfairly as compared with the tax on land-holders, and recommending strongly that taxes be levied on the retailers, "less valuable members of Society than the Importers."

Economic History (Foreign)

- CADOUX, G. *Aspects économique du problème polonais*. Journ. Soc. Stat. Paris, July, 1921. Pp. 19.
- CAVALLI, A. *Evoluzione politica e sue conseguenze economiche in Firenze nella seconda metà del secolo XIV*. Riv. Intern., June, 1921. Pp. 12.
- CHESSA, F. *Il movimento di classe contemporaneo e la legislazione sociale*. Riv. di Pol. Econ., Nos. III-V, 1921. Pp. 12. Aims and consequences of social legislation; its tendency to assume an international character.
- DAVIS, J. S. *Recent economic and financial progress in France*. Rev. Econ. Stat., July, 1921. Pp. 26.
- . *Recent economic and financial progress in Germany*. Rev. Econ. Stat., June, 1921. Pp. 25.
- DURAND, E. D. *A survey of economic conditions in Poland*. Econ. World, Sept. 24, 1921.
- FERNAND-JACQ. *Les industries électriques en Chine*. Journ. des Econ., July 15, 1921.
- GARDNER, P. *Financial history of ancient Chios*. Journ. Hellenic Studies, 1920, Part II.
- GÖPFERT, H. *Die Socialisierungsbestrebungen in Deutschland nach der Revolution*. Schmollers Jahrb., Jahrg. 45, Heft 2, 1921. Pp. 35.

- JONES, J. H. *The international financial situation*. Weltwirtsch. Archiv, Apr. 1, 1921.
- KALE, V. G. *The gospel of the Chark Ha*. Journ. Indian Econ. Soc., June, 1921.
- KARKAR, B. K. *Public finance in ancient India*. The Annals, Sept., 1921. Pp. 16.
- KENDE, O. *Die Verbreitung von Bergbau und Industrie in Osterreich-Ungarn*. Weltwirtsch. Archiv, Apr. 1, 1921.
- MARVAUD, A. *La crise économique en Espagne*. Journ. des Econ., July 15, 1921.
- NICOLA, G. B. *I rapporti economici fra le nazioni*. Riv. Intern., May, 1921. Pp. 7.
- OLGIN, M. J. *Agrarian problems in soviet Russia*. New Repub., Aug. 17, 1921. Pp. 3.
- PAYEN, E. *Le domaine colonial français, sa valeur économique*. L'Econ. Franç., Sept. 17, 1921.
- RAFFALOVICH, A. *Le Canada pendant les six dernières années (1914-1920)*. Journ. des Econ., July 15, 1921.
- SINGH, ST. N. *Do we enjoy fiscal freedom?* Wealth of India, June, 1921.
- SITTO-PINTOR, M. *La collaborazione effettiva sostituita all' esteriorità del controllo sulle aziende e sull' industria*. Riv. di Pol. Econ., Nos. III-IV, 1921. Pp. 9. Reflections on the newer developments of the relation of the state to industry in Italy.
- TURPEAU, J. *Situation économique de la Pologne*. Monde Econ., Aug. 20, 1921. Pp. 2.
- DU VIVIER DE STREEL. *La situation économique de l'Europe, ses conséquences et ses remèdes*. Bull. Soc. Belge des Ingénieurs, 1920, No. 2.
- WILCKEN, U. *Alexander der Grosse und die hellenistische Wirtschaft*. Schmollers Jahrb., Jahrg. 45, Heft 2, 1921. Pp. 67.
- Quelques aspects de la crise économique en France*. I, *La crise et les versements aux caisses d'épargne*. II, *La crise et les comptes des grande sociétés de crédit*, by Lorin. III, *La crise et la Bourse*, by Bourbeau. IV, *La crise et le commerce extérieur*. Rev. d'Econ. Pol., July-Aug., 1921.
- Reparations and restoration—the internal condition of Germany*. Round Table, June, 1921. Pp. 31.
- Trade and natural resources of Jamaica*. Commerce Mo., Oct., 1921.

Agricultural Economics

(Abstracts by A. J. Dadisman)

- ADAMS, R. L. *Studies in agricultural economics*. Col. Sta. Report, 1920. Pp. 2. A summary of studies of investment in farm equipment and comparative costs and receipts of crops.
- BENASSI, P. *La partecipazione agli utili in agricoltura*. Riv. Intern., June, 1921. Pp. 10. Merits of various types of sharing contracts in agriculture.
- BONNEY, W. L. *The development of cotton-growing in the Chaco territory of Argentina*. Econ. World, July, 1921. P. 1. A brief historical account.
- BOSS, A. *Survey study of the progress and prosperity of northern Minnesota set-*

- ters. Minn. Sta. Report, 1920. Pp. 2. A progress report giving a summary from sixty-five farms for one year.
- DE BOYER-MONTEGUT, R. *Faut-il créer des coopératives agricoles?* Ref. Soc., June, 1921. Pp. 17. A discussion of recent developments and results achieved by co-operative societies in France.
- CAMP, W. R. *Forms of organization for county and state farm bureau exchanges in California.* Cal. Sta. Report, 1921. Pp. 43. Detailed plans of organization and development to date. Articles of incorporation and by-laws are given.
- HANDSCHIN, W. F., ANDREWS, J. B., and RAUCHENSTEIN, E. *The horse and the tractor.* Ill. Sta. Bull. 231, Feb., 1921. Pp. 56. An economic study of horse and tractor labor with tables, charts and illustrations.
- HARGER, C. M. *The recovery of the grain farmer.* The Annals, Sept., 1921. Pp. 5. An analysis of the grain farmers' economic situation.
- HOPKINS, J. C. *Agriculture: the organized farmers.* Can. Ann. Rev. Pub. Affairs, 19, 1919. Pp. 83. A discussion of agricultural conditions, and history and development of farmers' organizations in Canada.
- JOHNSON, O. R. and GREEN, R. M. *Influence of capital on farm organization (in a livestock section).* Mo. Sta. Bull. 175, Oct., 1920. Pp. 20. A study of 202 farms from survey records. Farms are studied by groups. Nineteen tables.
- JONES, F. D. *The status of farmers' coöperative associations under federal law.* Journ. Pol. Econ., July, 1921. Pp. 9. A review of recent discussions in congress for regulating farmers' coöperative organizations.
- KORSTAIN, C. F. *Grazing practice on the national forests and its effect on natural conditions.* Sci. Mo., Sept. 1921. Pp. 7. The subject is discussed briefly. Seven illustrations.
- KRZYMOWSKI, R. *Graphische Darstellung der Thunenschen Intensitätstheorie.* Fuhling's Lndw. Ztg. 69, No. 11-12. June, 1920. Pp. 19. Von Thunen's theories of intensity of culture and diminishing returns are discussed. Eight figures.
- MEHL, J. M. *Coöperative grain marketing.* U. S. Dept. Agri. Bull. 937, Apr., 1921. Pp. 21. A comparative study of development and methods used in the United States and Canada.
- MILLER, E. M. *The corn crop in relation to banking.* Commerce Mo., August, 1921. Pp. 9. Importance and utilization of the corn crop; methods of loans and obligation of banks in financing farmers. Three tables.
- MYERS, W. I. *An economic study of farm layout.* New York Cornell Sta. Mem. 34, June, 1920. Pp. 179. A detailed study of the farm layout of 53 New York farms, with 35 tables and 94 figures.
- NUCKOLS, S. B. and SUMMERS, T. H. *Farm practice in growing field crops in three sugar-beet districts of Colorado.* U. S. Dept. Agri. Bull. 917, Mar., 1921. Pp. 52. Detailed farm practice including costs. Tables, figures and illustrations are given.
- REW, SIR HENRY. *The wages problem in agriculture.* Quart. Rev., Jan., 1921. Pp. 16. A discussion of agricultural wage problems in England and efforts being made to solve them.
- ROSS, J. *Rural finance.* Soc. Rev., July, 1921. Pp. 9. Need of credit by farmers and problems of securing it.

- SCOTT, L. *Agricultural coöperation*. Fortn. Rev., Apr., 1921. Pp. 10. An argument in favor of coöperation among farmers and some of the difficulties pointed out.
- SHAW, A. *California's farm colonies*. Am. Rev. Rev., Oct., 1921. Pp. 8. How two farm colonies have developed and opportunities for additional development.
- SMITH, F. B. *Agriculture in South Africa*. United Empire, July, 1921. Pp. 12. An historical sketch of the development of agriculture in South Africa.
- SMITH-GORDON, L. *Agriculture as a business*. Better Business 6, no. 1, Nov., 1920. Pp. 20. A discussion of better business methods for agriculture.
- STEWART, J. G. *Land settlement in Denmark*. Journ. Min. Agri. 26, no. 11, Feb., 1920. Pp. 20. A statement of methods of acquiring land, education, stocking and operating farms.
- WALLACE, H. C. *Effect of depression on farmers not understood*. U. S. Dept. Agri. Weekly News Letter 8, no. 33. Mar., 1921. Pp. 4. An analysis of the present agricultural situation.
- WARREN, G. F. *Prices of farm products in the United States*. U. S. Dept. Agri. Bull. 999, Aug., 1921. Pp. 72. A statistical study of prices of farm products since 1791, with sixteen charts and forty pages of tables.
- WEISS, H. B. *Field crop yields in New Jersey from 1876 to 1919*. Sci. Mo., Oct., 1921. Pp. 8. A discussion of crop yields and factors influencing them. Ten charts.
- WILLARD, R. E., METZGER, H. and SKEEM, E. The cost of producing wheat and other crops in North Dakota in 1920. North Dakota Sta. Bull. 144, Jan., 1921. Pp. 16. An analysis of the cost of producing crops, data from estimates and cost accounts. Eleven tables.
- Farm management surveys*. Agri. Gaz. Canada, no. 5, May, 1918. Pp. 3. A summary of results of a survey of 113 farms in Ontario, with three tables. Other surveys are mentioned.

Railways and Transportation

(Abstracts by Julius H. Parmelee)

- ALLEN, O. F. *Electrification of French railway systems*. Ry. Elec. Engg., Aug., 1921. Pp. 3. With map.
- . *The war and its effect on French railway labor*. Ry. Age, Aug. 27, 1921. Pp. 4. Illustrated.
- ALLIX, G. *Les résultats de 1920. Chemin de fer Nord-Sud de Paris*. Journ. des Trans., Aug. 13, 1921. Pp. 3.
- . *Les résultats de 1920. Réseau de l'Est*. Journ. des Trans., July 30, 1921. Pp. 4. Operating deficit of 157 million francs.
- . *Les résultats de 1920. Métropolitain de Paris*. Journ. des Trans., July 2, 1921. Pp. 4. Operating deficit of nearly eleven million francs.
- . *Les résultats de 1920. Réseau du Midi*. Journ. des Trans., June 18, 1921. Pp. 3. Operating deficit of 176 million francs.
- . *Les résultats de 1920. Réseau du Nord*. Journ. des Trans., July 16, 1921. Pp. 3. Operating deficit of 348 million francs.

- ARMSTRONG, G. W. *Railroads and their effect on business*. Annalist, Sept. 12, 1921. Pp. 2. Relation between freight cars and loadings, bad order cars, etc., with chart.
- BALCH, C. F. *Present freight rates do not restrain commerce*. Ry. Age, Sept. 10, 1921. Pp. 2. Relative freight rates and other values, 1914, 1917, 1919, 1920.
- BARTHE, A. *La organización de los transportes en España*. Rev. Nac. de Econ., Feb., 1921. Pp. 9.
- BOECKEL, R. *Industry's moving day*. Business, June, 1921. Pp. 8. Effect of freight rate charges on decentralization of industry.
- BONN, A. *The need for railroad statistics*. Ry. Age, Aug. 20, 1921. Pp. 2.
- CABOT, P. *Root, hog, or die*. Atlantic Mo., Aug., 1921. Pp. 9. The transportation problem in New England dependent on development of efficient and progressive railway management.
- CONN, G. C. *A shipper's views of railway needs*. Ry. Age, Oct. 1, 1921. Pp. 4. Car problems, labor, improved efficiency, etc.
- CORDEAL, E. *Manual labor the drag that cuts railroad freight earnings*. Trans. World, July-Aug., 1921. Pp. 3.
- COUNTY, A. J. *The outlook for financing the railroads and the government's relation thereto*. Econ. World, Oct. 22, 1921. Pp. 4.
- "DAMON." *Peace and the Bagdad Railway*. Fortn. Rev., Oct., 1921. Pp. 21. Past, present, and future possibilities of Bagdad scheme, with maps.
- DAVIS, J. S. *The progress of railway liquidation*. Ry. Rev., July 30, 1921. Pp. 3. Memorandum by director general of railroads on progress of settlement with railways.
- DUNN, S. O. *Why rates cannot be reduced*. Ill. Central Mag., July, 1921. Pp. 5.
- DU PUY, W. A. *If I ran the railroads—Ford*. Nation's Bus., Nov., 1921. Pp. 3. Interview with Henry Ford on railway operation; suggests reorganization, redesigning of equipment, expediting of freight, and discharge of unnecessary employees.
- GORMLEY, M. J. *The freight situation*. Ry. Rev., Aug. 27, 1921. Pp. 3.
- GREGG, E. S. *Vicissitudes in the shipping trade, 1870-1920*. Quart. Journ. Econ., Aug., 1921. Pp. 15. Four shipping depressions described: 1873, the early eighties, 1890-1894, 1901-1904.
- HADLEY, E. A. *The railroad situation, yesterday, today, and tomorrow*. Journ. Engg. Club of St. Louis, Apr.-June, 1921. Pp. 10. "Yesterday" extended to March 1, 1920; "today," to the present moment; and "tomorrow," all future time.
- HALE, R. L. *The "physical value" fallacy in rate cases*. Yale Law Journ., May, 1921. Pp. 22. Attacks the adoption of replacement cost less depreciation as the measure of physical value.
- HARDMAN, T. P. *Judicial review as a requirement of due process in rate regulation*. Yale Law Journ., May, 1921. Pp. 12.
- HENDERSON, G. R. *Suggestions as to economics in railroad operation*. Ry. Age, Aug. 6, 1921. Pp. 2.
- HOWARD, J. R. *The farmer and the railroads*. Shippers' Advocate, July-Aug., 1921. Pp. 3. Farm prices and freight rates.

- HUTCHINSON, J. B. *Suggestions for a comprehensive service department.* Ry. Rev., July 23, 1921. Pp. 3.
- JOHNSON, E. R. *The problem of railroad control.* Pol. Sci. Quart., Sept., 1921. Pp. 23. Analysis and comment on federal control and the transportation act.
- . *Transportation problems confronting the American people.* Journ. Engg. Club of Phila., July, 1921. Pp. 3.
- KRUTTSCHNITT, J. *A striking diagram for railroad stockholders.* Ry. Age, July 30, 1921. Pp. 2. Chart and text showing changes in prices, railway wages, and railway freight rates, 1900 to 1920.
- LEE, E. *Our unwatered railroads—strong moral position of security holders.* Ry. Rev., July 23, 1921. Pp. 5.
- LESEUR, P. *Le projet de loi sur le régime des chemins de fer espagnoles.* Rev. Pol. et Parl., Aug. 10, 1921. Pp. 11.
- LIESSE, A. *Le nouveau régime des chemins de fer: le projet voté par le Sénat.* L'Econ. Franç., July 23, 1921. Pp. 3.
- LORENZ, M. O. *Comparing unit costs in railway operations.* Ry. Rev., July 30, 1921. Pp. 2. Equated locomotive day equivalent to tractive power mill.
- LOVETT, R. S. *Railroad consolidations.* World's Work, Aug., 1921. Pp. 6. Analysis of consolidation provisions of Transportation act.
- MARRIOTT, J. A. R. *The state and the railways.* Fortn. Rev., June, July, 1921. Pp. 12, 13. Chief factors in British railway problem, with alternative solutions.
- MITCHELL, J. R. *The imperial government railways of Japan.* Proc. Car Foremen's Assoc. of Chicago, May, 1921. Pp. 16. Historical and statistical survey to 1917.
- MORSE, H. B. *The building of China's railways.* Econ. World, July 16, 23, 1921. Pp. 2, 2.
- NEUMARK, A. J. *Need investors fear railroad consolidation?* Mag. of Wall Street, Oct. 15, 1921. Pp. 5. Advantages and difficulties of proposed tentative consolidation plan of I. C. C., with map.
- PARMELEE, J. H. *Comparative railway wages: United States and abroad.* Ry. Journ., Oct., 1921. Pp. 2. Wage conditions in Great Britain, France, Canada, Japan, and other countries.
- PARSONS, F. *The fine art of railroading.* Am. Legion Weekly, Aug. 26, 1921. Pp. 4. Chances for a career in the railway industry.
- PAYNE, J. L. *Canadian railway results in calendar year 1920.* Ry. Age, Aug. 13, 1921. Pp. 3. Largest gross and lowest net revenue in many years.
- . *What really ails the railroads.* Sat. Eve. Post, July 30, 1921. Pp. 5. Government regulation has stifled railway initiative.
- RIGGS, E. G. *Increase of railroad freight rates did not check business.* Trans. World, July-Aug., 1921. Pp. 4. Largely a digest of opinions from railway officials.
- ROBERTS, J. W. *The railroad shop vs. the contract shop.* Ry. Age, Oct. 1, 8, 15, 1921. Pp. 3, 3, 3. Accounting differences in the two classes of shops.

- RUGGLES, C. O. *Railway service and regulation in port terminals*. Am. Econ. Rev., Sept., 1921. Pp. 9. The problem, due to intensified competition, less-than-cost charges, and lack of coördination; the remedy, unification and coördination under effective regulation.
- SAKOLSKI, A. M. *Practical tests of the Transportation act*. Pol. Sci. Quart., Sept., 1921. Pp. 15. Rate, labor, and other features of Transportation act analyzed.
- . *Statistical control of railroad operations*. Administration, July, 1921. Pp. 11. Development of a system of operating railway statistics.
- SOLESSES, E. *Le Maroc et ses chemins de fer*. Rev. Pol. et Parl., Sept. 10, 1921. Pp. 36. Comprehensive summary, with map, of the railway situation in Morocco.
- SANZÈDI, A. *L'impérialisation des chemins de fer allemands et ses résultats financiers*. Rev. Pol. et Parl., July 10, 1921. Pp. 9.
- SIMMERSBACH, B. *Beitrag zur Geschichte der Amurbahn*. Archiv f. Eisenbahnw., July-Aug., 1921. Pp. 12. With a map of the Amur River railway line.
- TINGLEY, R. H. *How much is a railroad worth?* Annalist, Oct. 10, 1921. Pp. 2. Summary of railway valuation work to date.
- VAN METRE, T. W. *The railroad predicament: how it arose and how to get out of it*. The Annals, Sept., 1921. Pp. 6. The Transportation act, relations between railways and government, the problem of railway efficiency.
- WAMSLEY, W. F. *Railway outlook encouraging for all industry*. Annalist, Aug. 8, 1921. Pp. 2.
- WEINTHAL, L. *The Cape to Cairo railway and river route*. So. African Rys. and Harb. Mag., Aug., 1921. Pp. 11. Three decades of the railway's history, 1887-1917, with survey of present situation. With map and illustrations.
- WERNEKKE, *Die englischen Eisenbahnen im Krieg*. Archiv f. Eisenbahnw., July-Aug., 1921. Pp. 13.
- WILLARD, D. *Are the carriers doing their part?* Nation's Bus., July, 1921. Pp. 2. Economy and efficiency on the railways.
- Britain's plans for solution of labor problems*. Ry. Age, Aug. 20, 1921. Pp. 2. Negotiations between British railways and railway unions as to method of handling labor matters.
- British railways in 1920*. Ry. Gaz. (London), May 6, 1921. Pp. 5. Government lost under its guarantee £50,000,000. Gross receipts largest on record.
- The case of the D. T. & I.* Nation's Bus., Nov., 1921. Pp. 2. A railway president's point of view on Henry Ford as a railroad operator.
- The Ceylon government railways*. Ry. Gaz. (London), Aug. 5, 12, 1921. Pp. 2, 2. Digest of report of a recent investigation by a British railway official.
- Commission presents tentative consolidation plan*. Ry. Age, Oct. 1, 1921. Pp. 11. Abstract of Interstate Commerce Commission report on railway consolidation.
- Die Eisenbahnen in Dänemark im Betriebsjahr 1919-1920*. Archiv f. Eisenbahnw., Sept.-Oct., 1921. Pp. 19.
- Die Eisenbahnen des Deutschen Reichs, 1918 und 1919*. Archiv f. Eisenbahnw., Sept.-Oct., 1921. Pp. 8.

- Expenditures of the railways for labor and material.* Ry. Age, July 30, 1921. Pp. 4. Tables and charts analyzing railway expenses from 1912 to 1920.
- The French system of railway premiums.* Ry. Gaz. (London), Sept. 9, 1921. Pp. 3. Proposed legislation creating a system of premiums to be divided between the workers and the shareholders.
- Operating revenue and how it was expended.* Ry. Age, July 30, 1921. Pp. 4. July 30, 1921. Pp. 4. Colored charts, with texts, showing distribution of railway revenues, 1912 to 1920.
- Railway operating expenses and income.* Ry. Rev., Sept. 3, 1921. Pp. 2. Analysis of results, first six months of 1921.
- Résultats obtenus en 1919 sur le réseau des Chemins de Fer de l'Etat en France.* Rev. Gen. de Chemins de Fer, Aug., 1921. Pp. 8. Statistics for 1919 of the state railway of France.
- Das schwedische Eisenbahnnetz, 1917. Die schwedischen Staatsbahnen, 1917-1919.* Archiv f. Eisenbahnw., Sept.-Oct., 1921. Pp. 12.
- La situation du matériel roulant en France et en Allemagne.* Journ. des Trans., July 2, 1921. Pp. 2. A before-and-after-war comparison.
- Die Staatseisenbahnen und staatlichen Kleinbahnen in Niederländisch-Indian im Jahre 1918.* Archiv f. Eisenbahnw., July-Aug., 1921. Pp. 3.
- Terminal costs, not railroad freight rates, hamper business.* Trans. World, July-Aug., 1921. Pp. 2.
- Twenty systems in I. C. C. consolidation plan.* Ry. Age, Sept. 3, 1921. Pp. 2. Digest of plan prepared by Professor William Z. Ripley.
- What has Henry Ford done with the D. T. & I.* Ry. Age, Sept., 1921. Pp. 6. With map and statistical tables.

Commerce

(Abstracts by Harry R. Tosdal)

- AUSTELL, F. E. *American trends in foreign trade.* The Annals, Sept., 1921. Pp. 7. Statistical analysis of exports of the United States 1914-1921, with enumeration of factors which render uncertain the future trend of foreign trade.
- HARGER, C. M. *Financing the farms' market.* Am. Rev. Rev., Oct., 1921. Pp. 4. Describes the steps taken by the War Finance Corporation to relieve the situation confronting exporters of agricultural products.
- HARRINGTON, J. W. *Untinged truths of the dye situation.* Annalist, Aug. 1, 1921. P. 1. Article outlining the situation in the dye industry, prompted by the defeat of the Fordney Tariff bill and the termination of the arrangement whereby foreign dyes can be brought into this country through special licenses issued by the War Trade Board.
- HENNING, R. *El comercio "Sordo Mudo" como forma primitivo del comercio exterior.* Rev. Nacional de Econ., Feb., 1921. Pp. 9. Historical survey of "silent" or "deaf-and-dumb" commerce in various countries, in which are considered methods of conducting commerce prior to early fairs and markets.
- MONTEILHEF, J. *Foreign trade and the economic recovery of France.* The Annals,

Sept., 1921. Pp. 15. Traces war regulation, alternatives of freedom and protection brought about by instability of exchange since the armistice, and lastly the "satisfactory results obtained by the institutions of economic expansion created or reestablished."

PAGE, W. J. *The British governments revised export credit plan*. Econ. World, Aug. 13, 1921. Pp. 2. Gives clauses of a bill recently passed by the House of Commons authorizing the government to guarantee drafts drawn against shipments of goods to countries included in the scheme.

PATTON, H. S. *Reciprocity with Canada. The Canadian viewpoint*. Quart. Journ. Econ., Aug., 1921. Pp. 21. Traces reciprocity agreements and trade between Canada and the United States from 1910 to the present.

RIGHETTI, M. *Il commercio dell'Italia con l'Estero*. L'Economista, June 12, 1921. Pp. 2. This study of Italian foreign commerce is continued through several numbers of *L'Economista*.

WERNER-KAUTZSCH. *Die industrielle Lage in Grossbritannien in amerikanischer Beleuchtung*. Natur u. Gesells., Sept., 1921. Pp. 7. Principally a description and comment on a recent article by Mr. Herbert Feis in the AMERICAN ECONOMIC REVIEW, "The Industrial Situation in Great Britain from the Armistice to the Beginning of 1921," June, 1921.

WILLIAMS, J. H. *The balance of international payments of the United States for the year 1920*. Rev. Econ. Stat., June, 1921, Supp. 1. Pp. 44.

Canada fast making itself a self-contained industrial unit. The Americas, July, 1921. Pp. 6. Descriptive article showing that Canada has great potentialities for development of both import and export trade.

Exports of farm products from the United States. Commerce Mo., Sept., 1921. Pp. 7. Statistical comparison of United States' exportation of farm products by countries and products for 1920 and 1921 with five-year average (1910-1914).

The volume and value of the exports of the United States. Econ. World, Oct. 1, 1921. Pp. 2. Asserts that the statement of a 20 per cent decrease in the total value of exports in 1921 as compared to 1920 does not show the true status of American foreign trade, because value is given in dollars and not in quantity. Article aims to show the quantity increase or decrease.

Public Utilities

(Abstracts by Charles S. Morgan)

BANKSON, E. E., DAVIS, D. E., FINLEY, C. A. *Municipal water rates*. Journ. Am. Water Works Assoc., Sept., 1921. Pp. 25. A thorough analysis of the principles underlying the distribution of the cost of municipal water supply as between consumer and taxpayer and as between classes of consumer.

BAUER, J. *Deadlock in public utility regulation. I. Collapse of credit*. Nat. Munic. Rev., Sept., 1921. Pp. 5. Certain fundamental changes are required to meet growing criticisms of commission regulation, the chief of which is held to be that regulation has resulted in the gradual destruction of credit of public utilities. Suggested that commissions make it possible for utilities to finance ordinary improvements out of earnings, thereby creating a surplus which would restore credit while involving no injustice to the consuming public, as it is not proposed that utilities be allowed to earn on surplus created in this manner.

- BOHLING, W. H. *What constitutes a reasonable return?* Elec. World, Aug. 6, 1921. Pp. 5. The prevailing rate of interest and the prevailing return on comparable enterprises constitute the minimum and maximum return to which an efficiently conducted utility is entitled. Valuable extensive citation of cases.
- BUFFE, F. G. *Solving the jitney problem.* Aera, Oct., 1921. Pp. 5. How electric railways in Kansas City secured relief from jitney competition by plain statement of case to the public.
- CLARK, H. C. *What are the costs of service?* Aera, Oct., 1921. Pp. 5. A definition of the elements of costs of service and statement of the need for a full recognition of them.
- DAHL, C. H. D. *Measuring service to the public.* Elec. Ry. Journ., Aug. 13, 1921. Pp. 2. A brief comparison of electric railways of twenty cities on basis of car miles per mile of single track, average fare and speed, resulting in an "efficiency index."
- DUTTON, L. R. *Gas service costs in rate making.* Gas Age-Record, Oct. 1, 1921. Pp. 7. A painstaking explanation of the factors involved in construction of a satisfactory rate structure in the gas industry.
- EDGERTON, E. O. *Inflexibility of power development by municipalities.* Elec. World, Oct. 1, 1921. Pp. 2. Extensive hydroelectric projects can not be developed effectively by municipalities because of jurisdictional limitations. Private development under state regulation preferable.
- EMMONS, C. D. *The development of traction.* Aera, June, July, 1921. Pp. 4, 5. Interesting account of early development of street railway transportation and of the technical development of electric transportation.
- ERTEL, A. D. *Traffic and housing in large cities.* Elec. Ry. Journ., Aug. 6, 1921. Pp. 3. Interesting study of the interrelation of local facilities for transportation and housing, based principally on European experience; discloses close likeness to American problem.
- FREEMAN, F. C. *Analysis of service charge items.* Gas Age-Record, Sept. 10, 1921. Pp. 5. An intensive study of constituents of a well developed gas rate structure.
- GOODWIN, W. L. *Wanted—a transportation sales manager.* Elec. Ry. Journ., Sept. 24, 1921. Pp. 9. One of a number of articles in this number devoted to the need for and means of stimulating the riding habit.
- HARKNESS, D. T. *Transit tendencies in New York City.* Elec. Ry. Journ., Sept. 10, 1921. Pp. 6. Valuable discussion by member of new Transit Commission of historical development of New York's transportation problem and of possible remedies therefor.
- HURLEY, E. N. *Public ownership no panacea for utility service ills in opinion of Edwin N. Hurley.* Public Service Man., Aug., 1921. Pp. 4.
- JACKSON, W. *The weekly \$1 pass in Wisconsin.* Elec. Ry. Journ., Aug. 6, 1921. Pp. 3. Two years' experience in Racine with this device for increasing off-peak traffic shows it to have many advantages. "In practice, the pass acts exactly as if fares were being charged on a distance basis."
- LEWIS, E. I. *Current aspects of utility regulation.* Nat. Elec. Light Assoc. Bull., Aug., 1921. Pp. 6. Discussion by recent chairman of Indiana Public Utilities Commission.

- MERRILL, O. C. *The regulations of the Federal Power Commission*. Stone & Webster Journ., July, 1921. Pp. 13. Valuable discussion of certain aspects of federal water power act, particularly with reference to the correlation of state and federal authority. Explanation of method by which, in absence of proper state regulation, excessive earnings are to be prevented, involving the possibility in a few cases of amortizing investment, after a stated period, therefrom.
- MURPHY, E. J. *A study of traffic ratios*. Aera, July, 1921. Pp. 3. Several interesting correlations between size of company and "efficiency" of operation are developed.
- MURPHY, E. J. *Receipts rise during depression*. Aera, Sept., 1921. Pp. 5. Statistics here presented for seventy-five city and interurban railways show that increase in fares has offset slight decline in traffic in first six months of 1921 as compared with corresponding period in 1920, and has resulted in 3.1 per cent increase in net revenue.
- O'SHAUGNESSY, M. M., HOYT, J. *San Francisco municipal railways from two viewpoints*. Nat. Munic. Rev., Aug., 1921. Pp. 5. I. *Municipal operation an unqualified success*. Evidence thereof is cited by city engineer. II. *Unique advantages enjoyed by municipal lines*. These, while well managed and showing to a late date a profit from operation, have not yet been put to the test which will come when less profitable lines are taken into the system.
- ROOS, C. M. *Operating a water works plant under state supervision*. Journ. Am. Water Works Assoc., July, 1921. Pp. 8. A statement of the need for a better understanding of the utility business and of the problem of regulation. State regulation is considered preferable to local.
- RYE, A. N. *Difficulties of the smaller electricity supply companies*. Electrician (London), June 24, 1921. Pp. 4. Increased costs, lessened demand and fixed maximum rates have placed these undertakings in England in a precarious condition.
- THIRLWALL, J. C. *The urban transportation field analyzed*. Elec. Ry. Journ., Oct. 1, 1921. Pp. 5. An extensive comparison of the trackless trolley, the motor bus, and the rail-borne trolley is said to show the greater economy of the first except where traffic is heavy, when the usual type of trolley is best, or where traffic is very light, when lower investment costs of the motor bus give it the advantage.
- Commission popular in keystone state*. Elec. Ry. Journ., July 30, 1921. Pp. 4. Brief description of work of Pennsylvania Public Service Commission.
- Municipal utility (gas and electric) plant at Holyoke, Mass., proves source of loss to the taxpayers*. Public Service Man., Oct., 1921. Pp. 4.
- Material decrease in operating ratios*. Elec. World, Oct. 8, 1921. Pp. 2. Monthly statistics of central electric station industry.
- Public Service Railway offers valuation argument*. Elec. Ry. Journ., July 6, 1921. P. 1. Abstracts from extensive brief of Public Service Railway of New Jersey, showing particularly the claims made for non-physical elements of value.
- Radical readjustment proposed in New York City*. Elec. Ry. Journ., Oct. 1, 1921. Pp. 5. An extended abstract of important recent report of New York Transit Commission, in which were recommended municipal ownership and private operation, eventually under one operating company, of all transportation agencies.

Reduced fare in Cleveland. Elec. Ry. Journ., July 23, 1921. P. 1. To stimulate riding habit, fares in a limited downtown area have been reduced to three cents and two and one-half cents for tickets.

Regulations for jitneys. Elec. Ry. Journ., July 9, 1921. P. 1. Summary of recent Connecticut legislation which declares jitneys common carriers and prescribes regulations to which they are subject.

Accounting

(Abstracts by Martin J. Shugrue)

"ACCOUNTANT." *What a balance-sheet should show.* Finan. Rev. Rev., July-Aug., 1921. Pp. 15. A well-prepared elementary explanation in an English magazine written for the benefit of the investor rather than the accountant.

BELKNAP, R. H. *Shoe-factory accounting.* Journ. Account., Sept., 1921. Pp. 10.

COUCHMAN, C. B. *Classification of surplus.* Journ. Account., Oct., 1921. Pp. 14. How surplus should be classified on the balance sheet. In general it should be subdivided so as to indicate its various important sources.

DUNCAN, C. S. *Stock turnover—a deceptive index.* Annalist, Sept. 19, 1921. P. 1. Throws new light upon the significance of stock turnover in conducting a business.

FRANCIS, R. A. *Cost accounting for brick manufacturing.* Pace Student, July, 1921. Pp. 3. Presents clearly and concisely the cost system of a brick manufacturing concern.

FREEMAN, H. C. *Some considerations involved in the valuation of goodwill.* Journ. Account., Oct., 1921. Pp. 17. What goodwill is and how it should be valued. Cites a number of court decisions to illustrate both past and present tendencies.

GEIJSBEEK, J. B. *Sufficiency of vouchers.* Journ. Account., Aug., 1921. Pp. 12. The accountant is often faced with the problem as to whether or not a voucher presented to him is sufficient. Reviews a recent decision of the United States circuit court of appeals dealing with this matter.

KUHN, A. J. *Analysis of deposit accounts: determining profit or loss.* Trust Companies, Aug., 1921. Pp. 5. Result of study of the various methods of cost computation employed by banks and trust companies throughout the United States.

MCCCLUSKEY, H. C. *Anthracite mine accounting.* Journ. Account., July, 1921. Pp. 8. Lays particular emphasis on the questions of capital expenditures, valuations of coal lands and leaseholds, and depreciation and amortization.

MEYER, E. M. *Lumber costs.* Journ. Account., Aug., 1921. Pp. 7. In a large percentage of mills an average cost per thousand feet or, worse still, an arbitrary value, is used. This article shows the results of several methods of determining costs.

PORTER, G. H. *Accounting for electric alloy and tool steel.* Journ. Account., July, 1921. Pp. 15. An outline of the accounting classification, forms and records for electric furnaces manufacturing high grade alloy and tool steels.

PRUDDEN, R. F. *Bank credit investigator.* Bankers Mag., Aug., 1921. Pp. 12. The fourth of a series of articles. Takes up in detail the analysis of a credit statement. A well-illustrated and carefully prepared article.

REYER, W. C. *Accounting for construction in public utilities.* Journ. Account.,

- Sept., 1921. Pp. 9. Summarizes briefly the general provisions in accounting for construction work of public utilities.
- STAUB, E. E. *Profits and financing of manufacturing corporations*. Journ. Account., Aug., 1921. Pp. 10. Reasons why the layman is confused by the item surplus and has not complete faith in public accountants' statements. Proposed remedies for the situation.
- SZEPESI, E. *Can cost be standardized in the wool manufacture?* Bull. Nat. Assoc. Wool Manufacturers, July, 1921. Pp. 13. Outlines and illustrates with charts and tables the possibilities of standardized cost control which would enable manufacturers to measure their costs directly and accurately. It is pointed out that this method of cost control will not interfere with the general accounting system and will serve as a check upon it.
- TREGOE, J. H. *Standards for granting credit*. The Annals, Sept., 1921. Pp. 4. Some general principles to be observed in the granting of credit.
- An accounting system for the smaller merchant*. Pace Student, Aug., 1921. Pp. 6. Outlines an accounting system which should prove satisfactory for the use of retailers, such as leather-goods dealers, novelty stores, cutlery houses, and others selling units of various sizes and grades.
- The danger in cost systems*. Nation's Bus., Sept., 1921. P. 1. Discussion of how far a trade association may go in developing a uniform cost system for its members without being found guilty of using it for ulterior purposes, such as finding averages or otherwise making it the basis of price-fixing.

Labor and Labor Organizations

(Abstracts by David A. McCabe)

- CHADBOURNE, T. L. *Face the labor issue*. Am. Labor Legis. Rev., Sept., 1921. Pp. 6. An appeal for political action along progressive lines.
- CHASE, S. *Waste and labor*. Nation, July 20, 1921. Pp. 3. Waste will not be eliminated until labor unites with the technicians for the control of industry.
- CLYNES, J. R. *Industrial disputes and their lessons*. Nineteenth Cent., Aug., 1921. Pp. 11. Author is one of the leaders of the British Labor party.
- COMMONS, J. R. *Unemployment: compensation and prevention*. Survey, Oct. 1, 1921. Pp. 5. Arguments for plan of compensation embodied in bill before Wisconsin legislature, by which employer would pay fixed sum per day for each employee laid-off.
- CROWTHER, S. *These workers set their own pay*. System, July, 1921. Pp. 5. Fixing standard times and rates of wages under the joint agreement in the Cleveland ladies' garment industry.
- DEAN, J. S. *The fundamental unsoundness of the Kansas Industrial Court law*. Am. Bar Assoc. Journ., July 1921. Pp. 4. The law exceeds the limits of the police power in that it assumes the right of the state to fix conditions of employment in private industry in the absence of a great emergency. The production of fuel, food, and clothing cannot be "invested with a public interest" by mere act of the legislature.
- DOUGLAS, P. H. and LAMBERSON, F. *The movement of real wages, 1890-1918*. Am. Econ. Rev., Sept., 1921. Pp. 19.

- EPSTEIN, A. *Have American wages permitted an American standard of living? A review of the important inquiries and their findings, 1890-1920.* The Annals, Sept., 1921. Pp. 22.
- GADSBY, M. *Engineers' report on industrial waste.* Mo. Labor Rev., Sept., 1921. Pp. 17.
- GOMPERS, S. *The Denver convention—action and review.* Am. Fed., Aug., 1921. Pp. 7.
- GREENWOOD, E. *International labor office—what it has done.* Am. Fed., Sept., 1921. Pp. 5. Author is American correspondent of the International Labor Office.
- HEATON, H. *The basic wage principle in Australian wages regulation.* Econ. Journ., Sept., 1921. Pp. 11. The difficulties of paying a basic wage to adult males equal to the family living-cost figure arrived at by the recent royal commission.
- KALET, A. *Effect of the war on working children in Germany.* Mo. Labor Rev., July, 1921. Pp. 12.
- KENAGY, H. G. *The prevention of labor turnover.* Administration, Oct., 1921. Pp. 5. Consideration of the factors that are amenable to control by the management.
- KRAUSE, L. *Trade union movement in Germany.* Am. Fed., Aug., 1921. Pp. 6. History of the movement since the revolution of November, 1918, and summary of the present situation.
- MACARA, C. W. *The industrial crisis and the remedy.* Nineteenth Cent., July, 1921. Pp. 9. Chiefly concerned with the textile industry, emphasizes need of coöperation of employers and operatives. Author was formerly president of Federation of Master Cotton Spinners Associations and a member of the Industrial Council appointed in 1911.
- MACDONALD, J. R. *The conference of the British Labor party.* Nation, Aug. 10, 1921. Pp. 2. The decisions of the June, 1921, conference. The failure of the coal strike has turned British labor again toward parliamentary action.
- MACKENZIE, W. *The British Industrial Court.* Intern. Lab. Rev., July-Aug., 1921. Pp. 10. Author is president of the court.
- LASKI, H. J. *England's unemployed.* Survey, Oct. 15, 1921. Pp. 2.
- LEDERER, M. *Social legislation in the Republic of Austria.* Intern. Lab. Rev., May-June, 1921. Pp. 27. Concerned almost entirely with labor legislation. Author is chief of the Social Welfare Department in the Austrian Ministry of Social Affairs.
- OWENS, J. W. *Gunmen in West Virginia.* New Repub., Sept. 21, 1921. Pp. 3. Unionization has ceased to be the controlling issue; the present phases of the conflict are due to the operators' use of armed men to evict the miners.
- PICARD, R. *Labour legislation in France during and after the war.* Intern. Lab. Rev., July-Aug., 1921. Pp. 14.
- ROCKEFELLER, J. D., JR. *Coöperation in industry.* Intern. Lab. Rev., Apr., 1921. Pp. 14.
- RUSSELL, C. E. *The birth of trade unionism in Japan.* Am. Fed., Sept., 1921. Pp. 5.
- RYAN, J. A. *The need of legal standards of protection for labor.* Am. Labor Legis. Rev., Sept., 1921. Pp. 6. Trade unionism, in face of industrial autocracy and belief in efficacy of "natural laws," does not furnish sufficient protection.

- SAPOSS, D. J. *Out of the beaten path—the Denver convention of the American Federation of Labor*. Survey, July 16, 1921. Pp. 2.
- SCOVILLE, J. W. *Cost of living and wages*. Administration, Oct., 1921. Pp. 4. Objections to basing wages upon cost of living. For the future the standard of living will have to fall because of declining per capita production.
- SHADWELL, A. *The labor situation in Great Britain*. Atlantic Mo., Sept., 1921. Pp. 11.
- SQUIRES, B. M. *The National Adjustment Commission*. Journ. Pol. Econ., July, 1921. Pp. 28. Critical account of the working of the joint commission plan for adjustment of labor terms for longshoremen during the war and later under the post-war agreement. Criticizes adversely the policy of the Shipping Board that led to the dissolution of the Commission. The author was for a time executive secretary of the Commission.
- SMITH, F. D. *Police power and the Kansas Industrial Court*. Am. Bar Assoc. Journ., Aug., 1921. Pp. 5. The necessity of uninterrupted production and distribution of fuel, food, and clothing and of the enforcement of reasonable conditions of employment brings the provisions of the Kansas law insuring these things within the police power of the state.
- STECKER, M. L. *Family budgets and wages*. Am. Econ. Rev., Sept., 1921. Pp. 20.
- SWEET, R. L. *Fifty years without a strike*. Am. Fed., Sept., 1921. Pp. 3. Author is secretary of a company which has been dealing with a union for thirty years.
- TA CHEN. *Labor unrest in China*. Mo. Labor Rev., Aug., 1921. Pp. 15.
- . *Wages and hours of labor in five Chinese cities, 1917 and 1920*. Mo. Labor Rev., Aug., 1921. Pp. 13. Largely statistical, with informing comments.
- TURNER, V. B. *Labor unrest in Egypt*. Mo. Labor Rev., Aug., 1921. Pp. 19.
- . *Labor unrest in India*. Mo. Labor Rev., July, 1921. Pp. 20.
- WAGGAMAN, M. T. *Labor unrest in Canada*. Mo. Labor Rev., July, 1921. Pp. 12.
- WARNER, A. *West Virginia—industrialism gone mad*. Nation, Oct. 15, 1921. Pp. 2. Conflict is due to denial by employers of right to join the union.
- WHITAKER, C. H. *The building guilds of England*. Nat. Munic. Rev., July, 1921. Pp. 5. The building trades unions have been successful with the contracts they have so far undertaken for the construction of houses, in spite of opposition from the government. The author is editor of the *Journal of American Institute of Architects*.
- WHITNEY, A. L. *Labor unrest in Japan*. Mo. Labor Rev., July, 1921. Pp. 11.
- WOLFE, F. E. *A survey of profit-sharing and bonuses in Chicago printing-plants*. Journ. Pol. Econ., July, 1921. Pp. 22.
- YVES-GUYOT. *Les salaires et les prix*. Journ. des Econ., July 15, 1921. Pp. 14. Raising wages to correspond with rising index numbers finally produced industrial stagnation through checking demand and refusals to accept the wage reductions that would make price reductions possible have prolonged the depression. Cites American operatives and British miners as examples.
- Action towards the alleviation of unemployment*. Lab. Gaz. (Can.), Aug., 1921. Pp. 4.

Action of various countries upon decisions of International Labour Conferences. Lab. Gaz. (Can.), Aug., 1921. Pp. 4.

The adjustment of wages to the cost of living. Intern. Lab. Rev., July-Aug., 1921. Pp. 14. The principal schemes followed in the several industrial countries for automatic changes in wages with changes in the index number of living costs.

Adjustment of wages in accordance with cost of living. Lab. Gaz. (London), Aug., 1921. Pp. 2. Estimates that 2,750,000 workers in Great Britain are covered by agreements between employers and unions providing for automatic adjustment of wages to index numbers. Gives summaries of the principal agreements.

Annual convention of the American Federation of labor—synopsis of proceedings of the forty-first meeting, at Denver, Colorado. Lab. Gaz. (Can.), July, 1921. Pp. 9.

Apprenticeship in Canada—notes on recent developments and prevailing practice. Lab. Gaz. (Can.), July, 1921. Pp. 8.

British coal miners' strike, 1921. Mo. Labor Rev., Aug., 1921. Pp. 10.

Conciliation and arbitration in collective labor disputes in France. Intern. Labor Rev., July-Aug., 1921. Pp. 13.

Decisions of the United States Railroad Labor Board respecting working conditions and decreases in rates of wages for railroad employees. Lab. Gaz. (Can.), July, 1921. Pp. 10.

Employee representation in the American Multigraph Company. Mo. Labor Rev., July, 1921. Pp. 4. Two years of successful operation under the Leitch plan.

The end of the coal dispute. Nation, July 27, 1921. Pp. 2. The terms of settlement of the British coal strike, as issued by the Board of Trade, and the letter of the executive officers of the Miners' Federation urging acceptance of these terms by their members.

Further action towards the alleviation of unemployment. Lab. Gaz. (Can.), Sept., 1921. Pp. 4.

The growth of trade unionism since 1913. Intern. Lab. Rev., July-Aug., 1921. Pp. 32. Gives growth by countries; a list of sources is appended.

Industrial employment. Special Letter, Oct. 8, 1921. Committee on Economic Research, Harvard Univ. Pp. 7.

The International Labour Office and the protection of children. Intern. Lab. Rev., July-Aug., 1921. Pp. 23.

Recent labor agreements and decisions. Mo. Labor Rev., July, 1921. Pp. 17. Includes the June, 1921, decisions of the United States Railroad Labor Board reducing wages.

Symposium. Stop-watch time study, an indictment and a defense. Bull. Taylor Soc., June, 1921. Pp. 38. Issue is whether the best methods and standard times can be better determined by micro-motion study or the older stop-watch time study.

Trades and Labour Congress of Canada—synopsis of the proceedings of the thirty-seventh annual convention. Lab. Gaz. (Can.), Sept., 1921. Pp. 24.

Unemployment survey, 1920-1921, with standard recommendations. Am. Labor Legis. Rev., Sept., 1921. Pp. 29.

Workers' education in Italy. Intern. Lab. Rev., July-Aug., 1921. Pp. 11. Deals largely with schools for trade unionists and workers' colleges.

Public Finance

(Abstracts by Charles P. Huse)

- ADAMS, T. S. *Fundamental problems of federal income taxation*. Quart. Journ. Econ., Aug., 1921. Pp. 30. Believes 33 per cent the highest practical rate.
- AKERMAN, C. *Some aspects of war finance*. Pacific Rev., Sept., 1921. Pp. 17. Considers the incidence of the war burden.
- ALLEN, J. E. *Rates and taxes*. Fortn. Rev., Mar., 1921.
- BADULESCO, V. V. *Le prélèvement sur le capital en Allemagne comme moyen de liquidation des charges financières de la guerre*. Rev. de Sci. et de Légis. Finan., Apr.-June, 1921. Pp. 23. Believes this measure will help in solving Germany's financial problems.
- BONNARD, R. *Les finances locales et la réforme des impôts locaux*. Rev. de Sci. et de Légis. Finan., Apr.-June, 1921. Pp. 28. Studies methods of relieving the burden which the war has placed on local as well as central governments.
- CALDWELL, J. H. *The proposal to subject income from state and municipal securities to federal income tax*. Savings Banks Mo. Journ., Aug., 1921. Pp. 5. Believes McFadden amendment should be altered if it is to remove the evil of tax exemption.
- CASSAT, D. B. *A unique solution of the delinquent-tax problem*. Am. City, June, 1921. Pp. 3.
- CHLEPNER, B. S. *Le nouveau régime fiscal de l'Allemagne*. Rev. de l'Inst. de Soc., May, 1921. Pp. 36. The revolutionary changes in Germany's tax system were made hastily, have led to much fraud and evasion, and require modification.
- ESTCOURT, R. *Why not a sales tax?* South Atlantic Quart., July, 1921. Pp. 10. Believes it is contrary to existing tax policies.
- FRY, W. T. *Britons overseas and the income tax*. United Empire, July, 1921. Pp. 4. Explains England's method of taxing her subjects residing abroad.
- GINI, C. *Problèmes financiers d'après guerre*. Scientia, June-Aug., 1921. Appearing in three successive issues, these articles deal respectively with public debts, taxes on capital, and Rignano's project for heavier inheritance taxes on property inherited, not saved, by the decedent.
- HAYES, F. M. *How much inheritance tax?* Journ. Am. Bankers Assoc., Sept., 1921. Pp. 2. A survey of the history and present system of inheritance taxes.
- KING, C. L. *Taxation that will not impair business*. The Annals, Sept., 1921. Pp. 9. Prefers graduated corporation tax to sales tax.
- LAUZANNE, S. *What the French taxpayer pays*. Annalist, Sept. 19, 1921. Pp. 2. A useful description of the French tax system.
- MAGNI, E. *La pressione delle imposte dirette in Italia*. Riv. di Pol. Econ., No. V., 1921. Pp. 18.
- PAGE, T. W. *Colonial tariffs a menace to peace*. Am. Rev. Rev., Sept., 1921. Pp. 6. Reviews the existing systems and makes a plea for the open door policy.
- POTTER, A. G. *Virginia-West Virginia debt dispute*. Journ. Account., Sept., 1921. Pp. 16. Describes the method used in calculating West Virginia's share of the debt.

- ROSS, N. F. *The problem of reducing the tax exempt evil.* Annalist, Aug. 8, 1921. Pp. 2. Traces the history of the problem and discusses the McFadden amendment.
- SCANGA, G. *La denuncia dei trattati di commercio e l'approvazione della nuova tariffa doganale.* Tempo Econ., June-July, 1921. Pp. 3.
- SELLS, E. W. *Why not lessen the evils of present taxation?* Journ. Account., Sept., 1921. Pp. 6. Advocates repeal of surtax and excess-profits tax and placing of a tax on sales to the consumer.
- SENSINI, G. *Le equazioni dell' equilibrio economico-finanziario, per un punto dato, nel caso delle imposte e in un regime di libera concorrenza economica.* Riv. Ital. di Soc., Oct.-Dec., 1920. Pp. 18.
- STAUB, W. A. *Fallacies of the sales tax.* Journ. Account., Aug., 1921. Pp. 10. Argues against the tax and in favor of reduction of federal expenditures.
- VIALATE, A. *Le mouvement protectionniste aux Etats-Unis.* L'Econ. Franç., Aug. 6, 1921. Pp. 3. The United States with large manufacturing interests should adopt a more moderate protectionist policy, if she wishes to keep her foreign markets for these goods.
- VIGORELLI, R. *La difesa fiscale e giuridica della piccola proprietà.* Riv. Intern., May-June, 1921. Pp. 6, 12.
- VINER, J. *The international aspect of tariff legislation.* Pacific Rev., Sept., 1921. Pp. 11. The change in the character of our exports now lays us open to economic retaliation.
- _____. *Tax reform proposals at the Illinois Constitutional Convention.* Journ. Pol. Econ., July, 1921. Pp. 4. Proposes an income tax with lower rates on income not derived from property.
- VIRTUE, G. O. *New phases of the classified property tax.* Journ. Pol. Econ., July, 1921. Pp. 5. While adopting a lower rate for intangible personalty, in the different districts as the rate on tangible property varies.
- WILLIAMSON, K. M. *The literature on the sales tax.* Quart. Journ. Econ., Aug., 1921. Pp. 16. A critical review of the opinions of different groups and different individuals.
- The Emergency Tariff law.* Bull. Nat. Assoc. Wool Manufacturers, July, 1921. Pp. 15. Gives the history and text of the act.
- Essential elements of the federal revenue and taxation problem.* Econ. World, Sept. 10, 1921. Pp. 3.
- Tax-exempt securities.* Weekly Rev., Aug. 13, 1921. Pp. 2. While the abolition of tax-exempt securities would be desirable, the passage of the necessary constitutional amendment would probably be strongly opposed by the states and cities.

Insurance and Pensions

(Abstracts by Henry J. Harris)

- BLANCK, W. *Die Umgestaltung des Geld- und Kapitalmarkts und die deutsche Sachversicherung.* Zeitsch. f. d. ges. Versicherungswis., July, 1921. Pp. 7. The moment that paper is substituted for gold, the foundation of property insurance is destroyed.
- BÖHMER, P. E. *Versicherungsgeometrie.* Zeitsch. f. d. ges. Versicherungswis., July, 1921. Pp. 14.

- COMMONS, J. R. *Unemployment: compensation and prevention*. Survey, Oct. 1, 1921. Pp. 5. The Huber bill for the insurance and prevention of unemployment (Wisconsin legislature) proposes: waiting period 3 days; an employee of 6 months standing when discharged must be paid by employer one dollar a day for thirteen weeks, state pays ten cents a day for administration; employers form mutual insurance company to carry risk. Plan offers inducement to employer to save money by reducing unemployment. Author describes European systems of unemployment insurance.
- COX, F. J. *An analysis of the Untermyer "disclosures" about fire insurance*. Econ. World, July 16, 1921. Pp. 3. The criticisms are without foundation.
- DÖRSTLING, T. *Die Lebensversicherungsschein als hinkendes Inhaberpapier*. Zeitsch. f. d. ges. Versicherungswis., July, 1921. Pp. 11.
- DOUCET, R. *Les assurances sociales*. Monde Econ. (Paris), Sept. 1, 1921. Pp. 3. Opposes the bill introduced by the minister of labor providing for sickness, invalidity, old age, maternity, etc., insurance. Contributions put at ten per cent of earnings, paid half by employer and half by insured.
- DÜTTMAN. *Die Weiterentwicklung der Invaliden- und Hinterbliebenen-Versicherung*. Zeitsch. f. d. ges. Versicherungswis., July, 1921. Pp. 10. Present situation of the carriers a grave one. Recommends temporary changes in the law until conditions become stabilized.
- FAIRCHILD, C. W. *Fatal defects in the "reciprocal" or "inter-insurance" plan of insurance*. Econ. World, Aug. 20, 1921. Pp. 2. Shows the dangers involved in this system.
- HERZ, F. *Kapitalertragsteuer und Lebensversicherung*. Zeitsch. f. d. ges. Versicherungswis., July, 1921. Pp. 10. Act came into force March 31, 1920, and its application to life insurance has produced an involved state of affairs.
- KISCH, W. *Einfluss der erhöhten Versicherungsleistung auf die Prämie, insbesondere bei der Haftpflicht-versicherung*. Zeitsch. f. d. ges. Versicherungswis., July, 1921. Pp. 9. The revolutionary changes in the value of money mean either that the premium must be increased or the contract abrogated in the case of liability insurance.
- LIESSE, A. *Un projet d'assurances sociales obligatoires*. L'Econ. Franç., July 17, Sept. 3, 1921. Pp. 3, 3. Analysis of the government's bill with the conclusion that it will result in nothing but disillusion, like the retirement law.
- McFEE, J. R. *Credit and bequest insurance*. Econ. World, Sept. 10, 1921. Pp. 2. Where credit is based on character alone, life insurance is needed. The uncertainties connected with wills make life insurance a surer method; a life policy is in effect a will that cannot be broken.
- MIDDLETON, E. *Underwriting problems in connection with use and occupancy insurance*. Econ. World, July 30, 1921. Pp. 3. Business interruption indemnity problems.
- STURM, J. *Die gesundheitlich minderwertigen Leben und die Versicherungsmedizin*. Zeitschr. f. d. ges. Versicherungswis., July, 1921. Pp. 13. Summary of the experience of a German company dealing with sub-standard lives only. Gives influence of various disabilities; e.g., tuberculosis, war wounds, etc., on mortality.
- SWANSEN, S. T. *Federal income tax and inheritance tax rulings relating to life in-*

insurance. *Econ. World*, Sept. 17, 1921. Pp. 3. Policy holders, including the smallest, pay $3\frac{3}{4}$ per cent of their premiums and 12 per cent of their dividends in state and federal taxes.

VOSHELL, J. K. *The remarkable growth of industrial life insurance in the United States*. *Econ. World*, July 23, 1921. Pp. 2. In forty years the total policies have increased 65 times and amount of insurance has grown 26 times, from one and one half billion to forty billion.

WATSON, A. W. *The financial effects of the amended unemployment insurance law proposed by the British government*. *Econ. World*, July 9, 1921. Pp. 2. Summary of Sir Alfred Watson's report; he estimates the total expenditure proposed for 1921-1922 to be £47,070,000, with a deficit of £16,000,000 to be borrowed from the treasury. The two following years should reduce this.

Committee on unemployment insurance in agriculture. *Lab. Gaz.* (London), July, 1921. P. 1. Summarizes report which recommends no action on proposal to include agricultural workers under the insurance act. Both employers and workers oppose such insurance whether compulsory or voluntary.

Legal aspects of workmen's compensation insurance in Great Britain. *Econ. World*, Aug. 27, 1921. Pp. 3. Judicial interpretation of such clauses as "in the course of the employment," etc.

Sickness among New York state factory workers in 1919. *Econ. World*, Sept. 24, 1921. Pp. 3. The investigation of the state department of labor showed that the per capita loss of working time was 1.1 days in six months and the wage loss was \$4.20.

Pauperism, Charities, and Relief Measures

(Abstracts by George B. Mangold)

BECKER, J. D. *Big Brothers and Big Sisters*. *Cath. Charities Rev.*, June, 1921. Gives an excellent epitome of the principles that should govern all Big Brothers and Big Sisters work.

CLARK, W. W. *Success records of prisoners and delinquents*. *Journ. Delin.*, July, 1921. Presents facts relating to the success of various institutions in improving their inmates. The average success record for eight penitentiaries and reformatories was 73.4 per cent, and for four industrial schools for girls 69.1 per cent. The percentage of successful cases runs considerably higher for the normal than for the feeble-minded.

_____. *Supervised conduct response of delinquent boys*. *Journ. Delin.*, May, 1921. Presents the results of a year's observation of 143 delinquent boys in regard to conduct-response. Retardation, temperament, and home conditions apparently influenced the results but little. Sex offences and race were factors of some importance and a better response was obtained from those of low than of high mentality.

FEUGÈRE, E. *L'assistance publique à Paris en 1921*. *L'Econ. Franç.*, Aug. 20, 1921. Brief analysis of the expenditures in Paris for philanthropic purposes.

FOSTER, MRS. K. K. and BURLINGAME, C. M. *A study of children in institutions in Los Angeles*. *Journ. Delin.*, July, 1921. Confirms other studies of a similar character. Children in institutions are not orphans or half orphans largely, but in

most cases both parents are living. Concludes that such institutions fail in part to meet the real needs of the child and that they should coöperate more closely with other social agencies.

GOFF, F. H. *Evils of "the dead hand"; obsolescent charities and endowments.* Trust Companies, June, 1921. An argument against inflexible charitable endowments. Gives many instances of endowments that have been rendered useless because of changed conditions, and urges methods of reducing the tyranny of the "dead hand" in controlling the service of charitable gifts.

Report of annual meeting of London Charity Organization Society. Charity Organ. Rev., June, 1921. Contains a brief statement of the program and problems of the London Society.

Report of proceedings at conference of Charity Organization and kindred societies. Charity Organ. Rev., July, 1921. Among the subjects discussed were such topics as education of ex-service men, housing and day nurseries. There is a short but excellent account of the work formerly promoted by Miss Octavia Hill.

Socialism and Co-operative Enterprises

FEIS, H. *Beer's "History of British Socialism."* Quart. Journ. Econ., Aug., 1921.

LASKINE, E. *Les conflits de tendances du socialisme français.* Réf. Soc., June, 1921. Pp. 22.

Rocco, M. *Esperimenti d'economia socialista.* Riv. di Pol. Econ., No. V, 1921. Pp. 10.

ZAGORSKY, S. *L'évolution actuelle du bolchévisme.* Rev. d'Econ. Pol., May-June, 1921. Pp. 26.

The results of the economic policy of communism for the first nine months of 1920. Russian Econ., Jan., 1921.

Statistics

(Abstracts by Horace Secrist)

BARTON, D. M. *Women's minimum wages.* Journ. Royal Stat. Soc., July, 1921. Pp. 30. "The aim of this paper is to make such comparison as is possible between the wages of women fixed by trade boards and enforceable in a court of law and those voluntarily agreed upon between employers and employees."

BIVINS, P. A. *The ratio chart and its application.* II and III. Industrial Man., Aug., Sept., 1921. Pp. 6, 7. Continuation of the series of articles begun in the July number of *Industrial Management*.

BOUTROUX, P. *Travaux statistiques relatifs aux mouvements de nos effectifs pendant la guerre.* Journ. Soc. de Stat. de Paris, June, 1921. Pp. 10.

CLARK, W. *The Gantt chart, II.* Man. Engg., Sept., 1921. Pp. 6. A continuation of the earlier article in this series.

DAVIS, R. M. *Electrical statistics as a barometer of industrial activity.* Quart. Pub. Am. Stat. Assoc., Sept., 1921. Pp. 6. The monthly statistics of the central electric station industry, published in the *Electrical World*, indicate changes in industrial activity in different sections of the country and in the country as a whole.

- FRICKEY, E. *An index of industrial stock prices*. Rev. Econ. Stat., Aug., 1921. Pp. 14. An interesting article in the light of both method and comparison with other indexes of stock prices. "In constructing our indices the purpose was not to measure the aggregate money cost of a selected group of shares or to compare price levels at widely separated dates; we desired, rather, to secure indices representing as accurately as possible those long-time swings, or cyclical movements, in stock prices which indicate the alternation of general speculative activity and depression."
- GREENWOOD, G. W. *Losing a profit through averages*. Man. Engg., Sept., 1921. P. 1. An example of illogical inference from averages.
- HOOKESTADT, C. *Discussion of an American accident table*. Mo. Labor Rev., July, 1921. A description of a recent American accident table, and a comparison of the same with Rubinow's standard accident table.
- KINCER, J. B. *Computing the cotton crop from weather records and ginning reports*. Mo. Weather Rev., May, 1921. Pp. 5.
- KITCHIN, J. *The position of gold*. Rev. Econ. Stat., Aug., 1921. Pp. 7. "This article will be an attempt to look into the more immediate future of the world's output of gold and to deal with its consumption, and more particularly the amount of it available for monetary uses."
- MOORE, H. L. *Generating cycles reflected in a century of prices*. Quart. Journ. Econ., Aug., 1921. Pp. 20. A mathematical analysis after the methods of Professors Schuster and Turner of Sauerbeck's index numbers from 1818 to 1913 from which the author concludes that there have been real cycles of approximately eight years. The clue to this eight-year cycle is found in the eight-year crop yield cycle which Professor Moore has found characterized the United States, England, and France.
- PEAKE, E. G. *The relationship between the American and French exchanges and the rates of interest and discount*. Bankers' Mag. (London), Aug., 1921. Pp. 12. An interesting study in which are given correlation coefficients. Concludes: "(1) That relationships exist between the United Kingdom-United States of America and United Kingdom-French exchanges, on the one hand, and the rate of interest on floating money, the rates of discount on three and six months' bank bills, and the differences between these rates on the other. (2) That relationships exist between the United Kingdom-United States of America and United Kingdom-French exchanges. (3) That peculiarities in these relationships occur, which could only be explained by those in intimate touch with the money market."
- PERSONS, W. M. *Fisher's formula for index numbers*. Rev. Econ. Stat., May, 1921. Pp. 10.
- REED, L. J. *Fitting straight lines*. Metron, Apr., 1921. Pp. 8. A clear statement and solution of the problem of fitting a straight line to a set of observed points.
- SECRIST, H. *Statistics and the scientific method*. Administration, Sept., 1921. Pp. 6. An explanation of statistics and statistical methods in terms of scientific method.
- SYDENSTRICKER, E. and KING, W. I. *The classification of the population according to income*. Journ. Pol. Econ., July, 1921. A description and explanation of the method by which the authors have developed "ammain scales" from income and expenditure records of South Carolina cotton-mill operatives, together with valu-

able critical comments on the practical problems arising in connection with the computation of family incomes.

YOUNG, A. A. *The measurement of changes of the general price level*. Quart. Journ. Econ., Aug., 1921. Pp. 17. A fundamental inquiry into the meaning of the expression "the general level of prices" and of the most appropriate method of measuring it.

YULE, G. U. *On the time-correlation problem, with especial reference to the variate-difference correlation method*. Journ. Royal Stat. Soc., July, 1921. Pp. 30. A valuable critical review of the variate-difference method of measuring correlation.

Expresion grafica de hechos economicos. Econ. Argentina, Apr., May, 1921. Pp. 16. An interesting series of graphic charts and tables showing among other things circulation of paper money in Argentina, 1882-1921.

Measuring the cost of living. Economist (London), Sept. 3, 1921. Pp. 2.

The thirteenth census of Scotland. Economist (London), Sept. 10, 1921. Pp. 2.

Wheat prices. Special report of the Federal Reserve Agent at Minneapolis, Sept. 26, 1921. Pp. 6. An interesting study with charts of wheat prices in Minneapolis, and of the gain or loss which results from holding wheat for late markets rather than selling at the time of harvest.